

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of) "INVERTER CIRCUITS"
Ole K. Nilssen) Examiner: T. Beha
Serial No. 06/178,107) Group Art ~~BEHAVIOR~~ 2
Filed: August 14, 1980)

JAN 12 1982

AMENDMENT B

GROUP 210

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated August 4, 1981,
please amend the above identified application as follows:

IN THE TITLE:

Please change the title from "INVERTER CIRCUITS" to
"ELECTRONIC INVERTER AND BALLAST CIRCUITS"

IN THE CLAIMS:

Please amend claims 1, 10 and 14 as follows:

1. (Amended) In an inverter circuit having at least
one pair of alternately conducting transistors in circuit with
a DC voltage input and being operable to provide an AC voltage
[output] across a pair of outputs, the improvement comprising:
[means comprising a series-connected combination
of] an inductor and a capacitor connected in series with each
other between said said pair of outputs and in circuit with
the transistors [and] to be alternately energized [upon] during
alternate conduction thereof; and
means for providing drive current to the transistors
to control the inversion frequency thereof to be higher than
the natural resonant frequency of the inductor and capacitor
combination.

10. (Amended) The inverter circuit of claim 1 [and]
in combination with a load connected in circuit with the inductor
and the capacitor between said said pair of outputs, the load